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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
08/997,706	12/23/1997	SEISHI EJIRI		1646

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EXAMINER
POKRZYWA, JOSEPH R

ART UNIT	PAPER NUMBER
2622	

DATE MAILED: 11/19/2004

○

Please find below and/or attached an Office communication concerning this application or proceeding.

PTO-90C (Rev. 10/03)

	Application No.	Applicant(s)
Office Action Summary	08/997,706	EJIRI, SEISHI
	Examiner	**Art Unit**	
	Joseph R. Pokrzywa	2622	

-- *The MAILING DATE of this communication appears on the cover sheet with the correspondence address --*

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE <u>3</u> MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

1)☒ Responsive to communication(s) filed on <u>29 June 2004</u>.

2a)☒ This action is **FINAL.**   2b)☐ This action is non-final.

3)☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

4)☒ Claim(s) <u>1-4,7-11,17-19 and 21-28</u> is/are pending in the application.

    4a) Of the above claim(s) _____ is/are withdrawn from consideration.

5)☒ Claim(s) <u>17</u> is/are allowed.

6)☒ Claim(s) <u>1-4,7-11,18,19 and 21-28</u> is/are rejected.

7)☐ Claim(s) _____ is/are objected to.

8)☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

9)☐ The specification is objected to by the Examiner.

10)☐ The drawing(s) filed on _____ is/are: a)☐ accepted or b)☐ objected to by the Examiner.

    Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).

    Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).

11)☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

12)☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

    a)☐ All   b)☐ Some * c)☐ None of:

        1.☐ Certified copies of the priority documents have been received.

        2.☐ Certified copies of the priority documents have been received in Application No. _____.

        3.☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

    * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

1)☐ Notice of References Cited (PTO-892)

2)☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)

3)☐ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
    Paper No(s)/Mail Date _____.

4)☐ Interview Summary (PTO-413)
    Paper No(s)/Mail Date. _____.

5)☐ Notice of Informal Patent Application (PTO-152)

6)☐ Other: _____.

DETAILED ACTION

Response to Amendment

1.   Applicant's amendment was received on 6/29/04, and has been entered and made of

record. Currently, **claims 1-4, 7-11, 17-19, and 21-28** are pending.

Response to Arguments

2.   Applicant's arguments, seen on pages 19-23, filed 6/29/04, with respect to the rejection

of the presently amended independent claims 1, 7, 18, 19, 21-24, 27, and 28, as cited in the

Office action dated 3/29/04 under 35 U.S.C. 103(a) as being unpatentable over Ikeda *et al*. (U.S.

Patent Number 5,720,014) in view of Hashimoto (U.S. Patent Number 5,838,459), have been

fully considered and are persuasive. Therefore, the rejection has been withdrawn. However,

upon further consideration of the current amended claims, a new ground(s) of rejection is made

in view of the previously cited reference of Kikuchi *et al*. (U.S. Patent Number 5,552,901), with

a full discussion below.

Claim Rejections - 35 USC § 102

3.   The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the

basis for the rejections under this section made in this Office action:

> A person shall be entitled to a patent unless –
>
> (b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on
> sale in this country, more than one year prior to the date of application for patent in the United States.

4.   **Claims 1-4, 7-11, 18, 19, and 21-28** are rejected under 35 U.S.C. 102(b) as being

anticipated by Kikuchi *et al.* (U.S. Patent Number 5,552,901, cited in the Office action dated

4/3/03).

Regarding *claim 1*, Kikuchi discloses a data communication system (remote FAX 9, see

Figs. 1, 3, and 4), which comprises a connector, adapted to connect a network that is connectable

to a plurality of data processing terminals to the data communication system (LAN 4, see Fig. 1,

clients 3, and fax server 1), an operation input unit, adapted to receive a manual instruction from

an operator (operation control unit 22, column 5, lines 28-65), a data transmitter, adapted to

transmit a document based on the instruction input by the operation input unit (column 5, lines

28-65), with the document being transmitted to an external data communication terminal (fax 6)

via a line (public switched network 5) that does not include the connector (see Fig. 1, column 10,

lines 57-67, and column 12, lines 19-36), a transfer unit (LAN control unit 21), adapted to

transfer transmission result information representing a result of the document transmission

performed by the data transmitter (column 12, lines 6-67, and column 20, lines 4-24, whereby

communication history information is periodically collected) and the document (column 8, line

58-column 9, line 2) transmitted by the data transmitter to one of the plurality of data processing

terminals via the connector (fax server 1, whereby the document is transferred via LAN 4 to the

fax server 1, which is then transmitted via the network 5, therein being "the document

transmitted by the data transmitter"), and a discrimination unit, adapted to discriminate user

information input by the operation input unit in a case where the data transmitter transmits the

document (column 17, lines 55-67), wherein the transfer unit transfers the transmission result

information and the document based on the user information discriminated by the discrimination

unit (column 8, line 58-column 9, line 2, column 17, lines 55-column 18, line 19, and column 19,

lines 7-31).

Regarding *claim 2*, Kikuchi discloses the data communication system discussed in claim

1 above, and further teaches that the data transmitter transmits the document based on a second

instruction from the data processing terminal connected to the data communication system via

the connector (column 8, line 9-column 9, line 9).

Regarding *claim 3*, Kikuchi discloses the data communication system discussed in claim

1 above, and further teaches of the transmission result information transferred by the transfer unit

includes a transmission destination (see Figs. 5-7).

Regarding *claim 4*, Kikuchi discloses the data communication system discussed in claim

1 above, and further teaches of the transfer unit notifies the data processing terminal of the

transmission result information in accordance with a change in information to be notified

(column 12, lines 6-67, and column 20, lines 4-24).

Regarding *claim 7*, Kikuchi discloses a data communication system (remote FAX 9, see

Figs. 1, 3, and 4) comprising a connector, adapted to connect a network that is connectable to a

plurality of data processing terminals to the data communication system (LAN 4, see Fig. 1,

clients 3, and fax server 1), an operation input unit, adapted to receive a manual instruction from

an operator (operation control unit 22, column 5, lines 28-65), a designation unit, adapted to

designate an ID for specifying a data processing terminal on the network connected by the

connector (column 8, lines 37-45), a data transmitter, adapted to transmit a document based on

the designation input by the operation input unit (column 5, lines 28-65), with the document

being transmitted to an external data communication terminal (fax 6) via a line (public switched

network 5) that does not include the connector (see Fig. 1, column 10, lines 57-67, and column

12, lines 19-36), a transfer unit (LAN control unit 21), adapted to transfer transmission result

information representing a result of the document transmission performed by the data transmitter

based on the designation input by the operation unit (column 12, lines 6-67, and column 20, lines

4-24, whereby communication history information is periodically collected) and the document

(column 8, line 58-column 9, line 2) transmitted by the data transmitter to one of the plurality of

data processing terminals connected by the connector (fax server 1, whereby the document is

transferred via LAN 4 to the fax server 1, which is then transmitted via the network 5, therein

being "the document transmitted by the data transmitter"), and a determination unit, adapted to

determine whether or not the ID is designated by the designation unit (column 8, lines 37-45, and

column 17, line 55-column 18, line 59), and a transfer control unit, adapted t control the transfer

unit in accordance with a determination result by the determination unit (column 8, line 58-

column 9, line 2, column 17, lines 55-column 18, line 19, and column 19, lines 7-31).

Regarding *claim 8*, Kikuchi discloses the data communication system discussed in claim

7 above, and further teaches that the transfer unit does not transfer the information in absence of

an ID designated by the designation unit (column 19, line 55-column 20, line 11, whereby when

no request is received, thereby having ID input, information is not transferred).

Regarding *claim 9*, Kikuchi discloses the data communication system discussed in claim

7 above, and further teaches that the ID designated by the designation unit is information

representing a user on a network (column 8, lines 37-45).

Regarding *claim 10*, Kikuchi discloses the data communication system discussed in claim

7 above, and further teaches that the data transmitter transmits the document, based on the

designated ID, from the data processing terminal connected to the data communication system

via the connector (column 10, lines 57-67, and column 12, lines 19-36).

Regarding *claim 11*, Kikuchi discloses the data communication system discussed in claim

7 above, and further teaches that the information transferred by the transfer unit includes a

transmission destination (see Figs. 5-7).

Regarding *claim 18*, Kikuchi discloses a computer-readable medium storing a program

for implementing a method for controlling a data communication system (remote FAX 9, see

Figs. 1, 3, and 4, and column 13, lines 28-35, wherein the system inherently stores a program on

a computer-readable medium) connected to a network that is connectable to a plurality of data

processing terminals via a connector (LAN 4, see Fig. 1, clients 3, and fax server 1), with the

program comprising program code for an input step of receiving an instruction manually inputted

by an operator using an operation input unit (operation control unit 22, column 5, lines 28-65),

program code for a transmission step of transmitting a document based on the instruction

manually inputted in the input step (column 5, lines 28-65), with the document being transmitted

to an external data communication terminal (fax 6) via a line (public switched network 5) that

does not include the connector (see Fig. 1, column 10, lines 57-67, and column 12, lines 19-36),

program code for a transfer step of transferring transmission result information representing a

result of the document transmission performed in the transmission step (column 12, lines 6-67,

and column 20, lines 4-24, whereby communication history information is periodically collected)

and the document (column 8, line 58-column 9, line 2) transmitted in the transmission step to one

of the plurality of data processing terminals via the connector (fax server 1, whereby the

document is transferred via LAN 4 to the fax server 1, which is then transmitted via the network

5, therein being "the document transmitted by the data transmitter"), and program code for a

discrimination step of discriminating user information input in the input step in a case where the

transmission step transmits the document (column 17, lines 55-67), wherein the transfer step

transfers the transmission result information and the document based on the user information

discriminated in the discrimination step (column 8, line 58-column 9, line 2, column 17, lines 55-

column 18, line 19, and column 19, lines 7-31).

Regarding *claim 19*, Kikuchi discloses a computer-readable medium storing a program

for implementing a method for controlling a data communication system (remote FAX 9, see

Figs. 1, 3, and 4, and column 13, lines 28-35, wherein the system inherently stores a program on

a computer-readable medium) connected to a network that is connectable to a plurality of data

processing terminals via a connector (LAN 4, see Fig. 1, clients 3, and fax server 1), with the

program comprising program code for an input step of receiving an instruction manually inputted

by an operator using an operation input unit that is part of the data communication system

(operation control unit 22, column 5, lines 28-65), program code for a designation step of

designating an ID for specifying a data processing terminal on the network connected by the

connector, from the designation manually inputted (column 8, lines 37-45), program code for a

transmission step of transmitting a document based on the instruction manually inputted in the

input step (column 5, lines 28-65), with the document being transmitted to an external data

communication terminal (fax 6) via a line (public switched network 5) that does not include the

connector (see Fig. 1, column 10, lines 57-67, and column 12, lines 19-36), program code for a

transfer step of transferring information representing a document transmission performed in the

transmission step (column 12, lines 6-67, and column 20, lines 4-24, whereby communication

history information is periodically collected) based on the designation inputted in the input step

and the document (column 8, line 58-column 9, line 2) transmitted in the transmission step to one

of the plurality of data processing terminals connected by the connector (fax server 1, whereby

the document is transferred via LAN 4 to the fax server 1, which is then transmitted via the

network 5, therein being "the document transmitted by the data transmitter"), and program code

for a determination step of determining whether the ID is designated in the designation step

(column 8, lines 37-45, and column 17, line 55-column 18, line 59), and program code for a

transfer control step of controlling the transfer step in accordance with a determination result of

the determination step (column 8, line 58-column 9, line 2, column 17, lines 55-column 18, line

19, and column 19, lines 7-31).

Regarding *claim 21*, Kikuchi discloses a data communication system (remote FAX 9, see

Figs. 1, 3, and 4) which communicates with an external device (fax 6) via a transmission path

(public switched network 5), and that communicates with a data processing terminal (see

abstract), the system comprising a signal path through which the data communication system

communicates with the data processing terminal (LAN 4, see Fig. 1, clients 3, and fax server 1),

with the signal path being a path different from the transmission path (see Fig. 1), an input

section through which an operator manually inputs an instruction to the data communication

system (operation control unit 22, column 5, lines 28-65), a transmitter that, based upon the

manually inputted instruction, transmits a document through the transmission path to the external

device (see Fig. 1, column 10, lines 57-67, and column 12, lines 19-36), a transfer section (LAN

control unit 21) that transfers transmission result information representing a result of the

document transmission performed by the transmitter to the data processing terminal by the signal

path (column 12, lines 6-67, and column 20, lines 4-24, whereby communication history

information is periodically collected), a discriminator that discriminates user information input in

the input section in a case where the transmitter transmits the document (column 17, lines 55-

67), wherein the transfer section transfers the transmission result information and the document

(column 8, line 58-column 9, line 2, whereby the document is transferred via LAN 4 to the fax

server 1, which is then transmitted via the network 5, therein being "the document transmitted by

the data transmitter") based on the user information discriminated by the discriminator (column

8, line 58-column 9, line 2, column 17, lines 55-column 18, line 19, and column 19, lines 7-31).

Regarding *claim 22*, Kikuchi discloses a method of controlling a data communication

system (remote FAX 9, see Figs. 1, 3, and 4) that communicates with an external device (fax 6),

and with a data processing terminal (fax server 1, see abstract), the method comprising manually

inputting an instruction to the data communication system (operation control unit 22, column 5,

lines 28-65), transmitting a document to the external device via a transmission path (public

switched network 5), based upon the manually inputted instruction, the transmitting step

producing transmission result information (see Fig. 1, column 10, lines 57-67, and column 12,

lines 19-36), transferring the transmission result information representing a result of the

document transmission performed in the transmitting step (column 12, lines 6-67, and column

20, lines 4-24, whereby communication history information is periodically collected) and the

document (column 8, line 58-column 9, line 2) transmitted in the transmitting step to the data

processing terminal (fax server 1, whereby the document is transferred via LAN 4 to the fax

server 1, which is then transmitted via the network 5, therein being "the document transmitted by

the data transmitter"), and discriminating user information input in the input step in a case where

the transmitting step transmits the document (column 17, lines 55-67), wherein the transferring

step transfers the transmission result information and the document based on the user

information discriminated in the discriminating step (column 8, line 58-column 9, line 2, column

17, lines 55-column 18, line 19, and column 19, lines 7-31).

Regarding *claim 23*, Kikuchi discloses a computer-readable storage medium storing a

program for implementing a method for controlling a data communication system (remote FAX

9, see Figs. 1, 3, and 4, and column 13, lines 28-35, wherein the system inherently stores a

program on a computer-readable medium) that communicates with an external device (fax 6),

and with a data processing terminal (fax server 1, see abstract), the program comprising code for

an input step of inputting a manual instruction to the data communication system (operation

control unit 22, column 5, lines 28-65), code for a transmission step of transmitting a document

to the external device via a transmission path (public switched network 5), based upon the

inputted manual instruction, the transmission step producing transmission result information (see

Fig. 1, column 10, lines 57-67, and column 12, lines 19-36), code for a transfer step of

transferring the transmission result information representing a result of the document

transmission performed in the transmission step (column 12, lines 6-67, and column 20, lines 4-

24, whereby communication history information is periodically collected) and the document

(column 8, line 58-column 9, line 2) transmitted in the transmission step to the data processing

terminal (fax server 1, whereby the document is transferred via LAN 4 to the fax server 1, which

is then transmitted via the network 5, therein being "the document transmitted by the data

transmitter"), and code for a discrimination step of discriminating user information inputted in

the input step in a case where the transmission step transmits the document (column 17, lines 55-

67), wherein the transfer step transfers the transmission result information and the document

based on the user information discriminated in the discrimination step (column 8, line 58-column

9, line 2, column 17, lines 55-column 18, line 19, and column 19, lines 7-31).

Regarding *claim 24*, Kikuchi discloses a data communication system (remote FAX 9, see

Figs. 1, 3, and 4), which comprises a connector, adapted to connect a network that is connectable

to a plurality of data processing terminals to the data communication system (LAN 4, see Fig. 1,

clients 3, and fax server 1), an operation input unit, adapted to receive an instruction manually

inputted by an operator (operation control unit 22, column 5, lines 28-65), an input unit, adapted

to input a document to be transmitted to a destination (scanner 90, column 5, lines 53-65), a data

transmitter, adapted to transmit a document input by the input unit based on the instruction input

by the operation input unit (column 5, lines 28-65), with the document being transmitted to the

destination (fax 6) via a line (public switched network 5) that does not include the connector (see

Fig. 1, column 10, lines 57-67, and column 12, lines 19-36), a transfer unit (LAN control unit

21), adapted to transfer transmission result information representing a result of the document

transmission performed by the data transmitter (column 12, lines 6-67, and column 20, lines 4-

24, whereby communication history information is periodically collected) and the document

(column 8, line 58-column 9, line 2) transmitted by the data transmitter to the data processing

terminal (fax server 1, whereby the document is transferred via LAN 4 to the fax server 1, which

is then transmitted via the network 5, therein being "the document transmitted by the data

transmitter"), and a discrimination unit, adapted to discriminate user information inputted by the

operation input unit in a case where the data transmitter transmits the document (column 17,

lines 55-67), wherein the transfer unit transfers the transmission result information and the

document based on the user information discriminated by the discrimination unit (column 8, line

58-column 9, line 2, column 17, lines 55-column 18, line 19, and column 19, lines 7-31).

Regarding *claim 25*, Kikuchi discloses the data communication system discussed in claim

24 above, and further teaches that the connector (LAN 4) connects a network that is connectable

to a plurality of data processing terminals to the data communication system (see Fig. 1, clients

3, and fax server 1).

Regarding *claim 26*, Kikuchi discloses the data communication system discussed in claim

24 above, and further teaches of a reader which reads an image on a document and generates an

image document (scanner 90), wherein the input unit inputs the image document from the reader

and the data transmitter transmits the image document inputted by the input unit (column 5, lines

53-65).

Regarding *claim 27*, Kikuchi discloses a method of controlling a data communication

system (remote FAX 9, see Figs. 1, 3, and 4), with the method comprising a reception step of

receiving an instruction manually inputted by an operator (operation control unit 22, column 5,

lines 28-65), an input step of inputting a document to be transmitted to a destination (scanner 90,

column 5, lines 53-65), a transmission step of transmitting the document based on the instruction

received in the reception step (column 5, lines 28-65) to the destination (fax 6) via a line (public

switched network 5) that does not include a connector (LAN 4) adapted to connect a data

processing terminal to the data communication system (see Fig. 1, column 10, lines 57-67, and

column 12, lines 19-36), a transfer step of transferring transmission result information

representing a result of the document transfer in the transmission step (column 12, lines 6-67,

and column 20, lines 4-24, whereby communication history information is periodically collected)

and the document (column 8, line 58-column 9, line 2) transmitted in the transmission step to the

data processing terminal via the connector (fax server 1, whereby the document is transferred via

LAN 4 to the fax server 1, which is then transmitted via the network 5, therein being "the

document transmitted by the data transmitter"), and a discrimination step of discriminating user

information received in the reception step in a case where the transmission step transmits the

document (column 17, lines 55-67), wherein the transfer step transfers the transmission result

information and the document based on the user information discriminated in the discrimination

step (column 8, line 58-column 9, line 2, column 17, lines 55-column 18, line 19, and column 19,

lines 7-31).

Regarding *claim 28*, Kikuchi discloses a computer-readable storage medium storing a

program for implementing a method of controlling a data communication system (remote FAX 9,

see Figs. 1, 3, and 4, and column 13, lines 28-35, wherein the system inherently stores a program

on a computer-readable medium), with the program comprising program code for a reception

step of receiving an instruction manually inputted by an operator (operation control unit 22,

column 5, lines 28-65), program code for an input step of inputting a document to be transmitted

to a destination (scanner 90, column 5, lines 53-65), program code for a transmission step of

transmitting the document based on the instruction received in the reception step (column 5, lines

28-65) to the destination (fax 6) via a line (public switched network 5) that does not include a

connector (LAN 4) adapted to connect a data processing terminal to the data communication

system (see Fig. 1, column 10, lines 57-67, and column 12, lines 19-36), program code for a

transfer step of transferring transmission result information representing a result of the document

transfer in the transmission step (column 12, lines 6-67, and column 20, lines 4-24, whereby

communication history information is periodically collected) and the document (column 8, line

58-column 9, line 2) transmitted in the transmission step to the data processing terminal via the

connector (fax server 1, whereby the document is transferred via LAN 4 to the fax server 1,

which is then transmitted via the network 5, therein being "the document transmitted by the data

transmitter"), and program code for a discrimination step of discriminating user information

received in the reception step in a case where the transmission step transmits the document

(column 17, lines 55-67), wherein the transfer step transfers the transmission result information

and the document based on the user information discriminated in the discrimination step (column

8, line 58-column 9, line 2, column 17, lines 55-column 18, line 19, and column 19, lines 7-31).

Allowable Subject Matter

5.   **Claim 17** is allowed.

6.   The following is a statement of reasons for the indication of allowable subject matter:

Regarding *claim 17*, in the examiner's opinion, it would not have been obvious to have

the system, as claimed, include the limitations requiring at the data communication system,

inputting a designation manually entered by an operator using an operation input unit, and

designating an ID based on the manual designation inputted using the operation input unit, as

well as at the data processing terminal, the limitation of independently storing the

communication result information related to the document communication.

Conclusion

7.   Applicant's amendment necessitated the new ground(s) of rejection presented in this

Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a).

Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE

MONTHS from the mailing date of this action. In the event a first reply is filed within TWO

MONTHS of the mailing date of this final action and the advisory action is not mailed until after

the end of the THREE-MONTH shortened statutory period, then the shortened statutory period

will expire on the date the advisory action is mailed, and any extension fee pursuant to 37

CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event,

however, will the statutory period for reply expire later than SIX MONTHS from the date of this
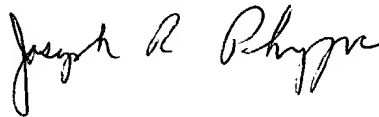
final action.

8.   Any inquiry concerning this communication or earlier communications from the

examiner should be directed to Joe Pokrzywa whose telephone number is (703) 305-0146. The

examiner can normally be reached on Monday-Friday, 7:30-4:00.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's

supervisor, Edward L. Coles can be reached on (703) 305-4712. The fax phone number for the

organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent

Application Information Retrieval (PAIR) system. Status information for published applications

may be obtained from either Private PAIR or Public PAIR. Status information for unpublished

applications is available through Private PAIR only. For more information about the PAIR

system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR

system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

<div style="text-align: right;">

Joseph R. Pokrzywa
Examiner
Art Unit 2622

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jrp